



## DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name: I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **MICROFABRICATED ELASTOMERIC VALVE AND PUMP SYSTEMS**, filed November 28, 2000 and assigned application no. 09 724,784.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60 186,856	03/03/00

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:


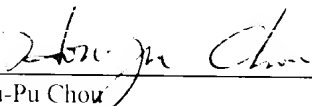

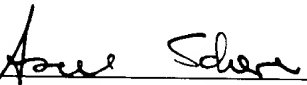
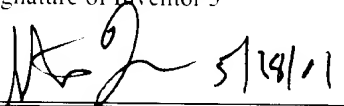
Application No.	Date of Filing	Status
09/605,520	June 27, 2000	Pending

Full Name of Inventor 1:	Last Name: <b>UNGER</b>	First Name: <b>MARC</b>	Middle Name or Initial: <b>A.</b>
Residence & Citizenship:	City: <b>South San Francisco</b>	State Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>2555 Adams Court</b>	City: <b>South San Francisco</b>	State Country: <b>California</b> Postal Code: <b>94080</b>
Full Name of Inventor 2:	Last Name: <b>CHOU</b>	First Name: <b>HOU-PU</b>	Middle Name or Initial:
Residence & Citizenship:	City: <b>Pasadena</b>	State Foreign Country: <b>California</b>	Country of Citizenship: <i>China Republic of China</i>
Post Office Address:	Post Office Address: <b>1028 E. Del Mar Blvd., #207</b>	City: <b>Pasadena</b>	State Country: <b>California</b> Postal Code: <b>91106</b>
Full Name of Inventor 3:	Last Name: <b>THORSEN</b>	First Name: <b>TODD</b>	Middle Name or Initial: <b>A.</b>
Residence & Citizenship:	City: <b>Pasadena</b>	State Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>810 N. Michigan Avenue</b>	City: <b>Pasadena</b>	State Country: <b>California</b> Postal Code: <b>91104</b>

11/18/01

Full Name of Inventor 4:	Last Name: <b>SCHERER</b>	First Name: <b>AXEL</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Laguna Beach</b>	State Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>1900 Catalina Street</b>	City: <b>Laguna Beach</b>	State Country: <b>California</b>	Postal Code: <b>92651</b>
Full Name of Inventor 5:	Last Name: <b>QUAKE</b>	First Name: <b>STEPHEN</b>	Middle Name or Initial: <b>R.</b>	
Residence & Citizenship:	City: <b>San Marino</b>	State Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>744 Plymouth Road</b>	City: <b>San Marino</b>	State Country: <b>California</b>	Postal Code: <b>91108</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
Marc A. Unger	Hou-Pu Chou	Todd A. Thorsen
Date: <b>5/14/01</b>	Date: <b>5/15/01</b>	Date: <b>5/15/01</b>
Signature of Inventor 4	Signature of Inventor 5	
		
Axel Scherer	Stephen R. Quake	
Date: <b>5/18/01</b>	Date:	